

REMARKS

Applicants respectfully request reconsideration of this application as amended.

Claims 1, 13 and 19 have been amended. Claims 5 and 9-12 were previously cancelled without prejudice. No new claims have been added. Therefore, claims 1-4, 6-8 and 13-23 are presented for examination.

35 U.S.C. § 102 Rejection

Claims 1- 4, 6-8, 13 and 15-23 are rejected under 35 U.S.C. §102(b) as being anticipated by Camp, et al., U.S. Patent No. 6,802,067 (“Camp”).

Claim 1, as amended, recites:

A system comprising:

- a computer system having a processor coupled with a memory, the computer system further including an application server, the application server including a unified logging and tracing system including a logging system to generate log messages, and a tracing system to generate trace messages, the unified logging and tracing system having one or more log controllers to receive one or more messages from an application wherein each of the one or more log controllers is a class that includes one or more subclasses or modules selected from a group comprising a category to generate the log messages and a location to generate the trace messages, wherein the generating of the trace messages includes reconstructing a control flow of an executing application, wherein the trace messages are emitted to the location, the location including an area of program code;
- a log manager coupled to the one or more log controllers to manage the one or more log controllers;
- one or more logs to which the received messages are forwarded;
- a formatter coupled to the one or more logs, the formatter to format each of the one or more messages prior to publication of the one or more messages, wherein each of the one or more messages is associated with a log record, wherein the log record includes severity information, the severity information having one or more of debug, path, info, warning, error, fatal, and none; and
- a viewer coupled to the formatter, the viewer to display the formatted one or more messages.

Camp discloses “a computer software framework and method that provides a means to log messages to files, consoles, databases, and other destinations and combines the functions of log file formatting, message multicasting, message filtering, message severity processing and log file management.” (Col. 1, lines 6-11). Now referring to part of a section referenced by the Examiner in previous Office Actions (mailed, 08-10-07, page 4, and mailed, 02-26-07, page 5), Camp further discloses “[l]og base class 15 provides **a means to format messages to obtain a consistent structure and appearance for generated logs containing the logged messages**, which helps to provide uniformity across a computing system. In carrying out the formatting function, log base class 15 calls **a formatter, typically an object containing a method for appending additional information to the text string of the message**. Referring to FIG. 2A, formatter subclasses implement formatter interface 35. **Any type and number of formatter subclass may be used to represent information for amending a message prior to logging, and preferred formatter classes include time stamp formatter 40, severity formatter 41, application formatter 42, user formatter 43, and transaction formatter 44.**” (col. 4, lines 11-24; emphasis added)

In contrast, claim 1, in pertinent part, recites “a formatter coupled to the one or more logs, the formatter to format each of the one or more messages prior to publication of the one or more messages” (emphasis added). Camp does not teach or reasonably suggest a formatter coupled to the one or more logs, the formatter to format each of the one or more messages **prior to publication of the one or more messages** as recited by claim 1.

Furthermore, claim 1, as amended, in pertinent part, further recites “each of the one or more messages is associated with a log record, wherein the log record includes severity information, the severity information having one or more of debug, path, info,

warning, error, fatal, and none”. Camp does not teach or reasonably suggest at least these features of claim 1.

For the sake of expediting issuance of this case, Applicants propose additional amendments to the pending claims. Claim 1, as amended, in pertinent part, recites “a unified logging and tracing system including a logging system to generate log messages, and a tracing system to generate trace messages, the unified logging and tracing system having one or more log controllers to receive one or more messages from an application wherein each of the one or more log controllers is a class that includes one or more subclasses or modules selected from a group comprising a category to generate the log messages and a location to generate the trace messages, wherein the generating of the trace messages includes reconstructing a control flow of the application while executing, wherein the trace messages are emitted to the location, the location including an area of program code”. (emphasis added).

Camp’s “*means to log messages to files, consoles, databases, and other destinations and combines the functions of log file formatting, message multicasting, message filtering, message severity processing and log file management*” is not the same as “a unified logging and tracing system including a logging system to generate log messages, and a tracing system to generate trace messages” as recited by claim 1. Accordingly, Applicants respectfully request the withdrawal of the rejection of claim 1 and its dependent claims.

Claims 13 and 19 contain limitations similar to those of claim 1. Accordingly, Applicants respectfully request the withdrawal of the rejection of claims 13 and 19 and their dependent claims.

35 U.S.C. § 103 Rejection

Claims 2, 3 and 14 are rejected under 35 U.S.C. §103(a) as being unpatentable over Camp, et al., U.S. Patent No. 6,802,067 (“Camp”) in view of Applicant Admitted Prior Art.

Claims 2, 3 and 14 depend from one of claims 1 and 13 thus include all the limitations of the corresponding base claim. Accordingly, Applicants respectfully request the withdrawal of the rejection of claims 2, 3 and 14.

Conclusion

In light of the foregoing, reconsideration and allowance of the claims is hereby earnestly requested.

Invitation for a Telephone Interview

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

Request for an Extension of Time

Applicants respectfully petition for an extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a) should one be necessary. Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17(a) for such an extension.

Charge our Deposit Account

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,

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